

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore®
 RELEASE 1.8

 Welcome
 United States Patent and Trademark Office

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

Your search matched **34** of **1117580** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or entering a new one in the text box.

☐ Check to search within this result set
Results Key:

JNL = Journal or Magazine CNF = Conference STD = Standard

1 Motion of an uncalibrated stereo rig: self-calibration and metric reconstruction

Zhengyou Zhang; Quang-Tuan Luong; Faugeras, O.;

Robotics and Automation, IEEE Transactions on , Volume: 12 , Issue: 1 , Feb.

Pages:103 - 113

[\[Abstract\]](#) [\[PDF Full-Text \(1768 KB\)\]](#) IEEE JNL
2 Matching segments in stereoscopic vision

Loaiza, H.; Triboulet, J.; Lelandais, S.; Barat, C.;

Instrumentation & Measurement Magazine, IEEE , Volume: 4 , Issue: 1 , March 2001

Pages:37 - 42

[\[Abstract\]](#) [\[PDF Full-Text \(3028 KB\)\]](#) IEEE JNL
3 Robot hand-eye coordination based on stereo vision

Hager, G.D.; Wen-Chung Chang; Morse, A.S.;

Control Systems Magazine, IEEE , Volume: 15 , Issue: 1 , Feb. 1995

Pages:30 - 39

[\[Abstract\]](#) [\[PDF Full-Text \(848 KB\)\]](#) IEEE JNL
4 Shape integration of multi stereo images using surveyed points for archaeological site

Nagano, M.; Sato, K.; Chihara, K.;

Shape Modeling and Applications, 1997. Proceedings., 1997 International Conference on , 3-6 March 1997

Pages:140 - 148

[\[Abstract\]](#) [\[PDF Full-Text \(1036 KB\)\]](#) IEEE CNF

5 The exact solution of the imaging equations for crosstrack interferometers

Goblirsch, W.;

Geoscience and Remote Sensing, 1997. IGARSS '97. 'Remote Sensing - A Science Vision for Sustainable Development', 1997 IEEE International , Volume: 1 , 3 Aug. 1997

Pages:439 - 441 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(268 KB\)\]](#) IEEE CNF

6 Reliable 3D reconstruction from a few catadioptric images

Doubek, P.; Svoboda, T.;

Omnidirectional Vision, 2002. Proceedings. Third Workshop on , 2 June 2002
Pages:71 - 78

[\[Abstract\]](#) [\[PDF Full-Text \(886 KB\)\]](#) IEEE CNF

7 Is 3D useful in stereo visual control?

Cervera, E.; Berry, F.; Martinet, P.;

Robotics and Automation, 2002. Proceedings. ICRA '02. IEEE International Conference on , Volume: 2 , 11-15 May 2002

Pages:1630 - 1635 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(586 KB\)\]](#) IEEE CNF

8 An world-independent approach for the calibration of mobile robotic active stereo heads

DeSouza, G.N.; Jones, A.H.; Kak, A.C.;

Robotics and Automation, 2002. Proceedings. ICRA '02. IEEE International Conference on , Volume: 4 , 11-15 May 2002

Pages:3336 - 3341

[\[Abstract\]](#) [\[PDF Full-Text \(735 KB\)\]](#) IEEE CNF

9 3D reconstruction from 360/spl times/360 mosaics

Bakstein, H.; Pajdla, T.;

Computer Vision and Pattern Recognition, 2001. CVPR 2001. Proceedings of the 2001 IEEE Computer Society Conference on , Volume: 2 , 8-14 Dec. 2001

Pages:II-72 - II-77 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(678 KB\)\]](#) IEEE CNF

10 Object manipulation by learning stereo vision-based robots

Minh-Chinh Nguyen; Graefe, V.;

Intelligent Robots and Systems, 2001. Proceedings. 2001 IEEE/RSJ International Conference on , Volume: 1 , 29 Oct.-3 Nov. 2001

Pages:146 - 151 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(541 KB\)\]](#) IEEE CNF

11 CAD-based inspection using X-ray stereo

Noble, A.; Gupta, R.; Mundy, J.; Schmitz, A.; Hartley, R.; Hoffman, W.;
Robotics and Automation, 1995. Proceedings., 1995 IEEE International Confer
on , Volume: 3 , 21-27 May 1995
Pages:2361 - 2366 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(680 KB\)\]](#) [IEEE CNF](#)

12 A self-calibration approach to extrinsic parameter estimation of stereo cameras

Hanqi Zhuang;
Robotics and Automation, 1994. Proceedings., 1994 IEEE International Confer
on , 8-13 May 1994
Pages:3428 - 3433 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(428 KB\)\]](#) [IEEE CNF](#)

13 Robot feedback control based on stereo vision: towards calibration hand-eye coordination

Hager, G.D.; Wen-Chung Chang; Morse, A.S.;
Robotics and Automation, 1994. Proceedings., 1994 IEEE International Confer
on , 8-13 May 1994
Pages:2850 - 2856 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(604 KB\)\]](#) [IEEE CNF](#)

14 Head/eye calibration of a binocular head by use of single calibration point

Sheng-Wen Shih; Yi-Ping Hung; Wei-Song Lin;
Image Analysis and Interpretation, 1994., Proceedings of the IEEE Southwest
Symposium on , 21-24 April 1994
Pages:154 - 159

[\[Abstract\]](#) [\[PDF Full-Text \(448 KB\)\]](#) [IEEE CNF](#)

15 A complete two-plane camera calibration method and experimental comparisons

Wei, G.-Q.; Ma, S.D.;
Computer Vision, 1993. Proceedings., Fourth International Conference on , 11
May 1993
Pages:439 - 446

[\[Abstract\]](#) [\[PDF Full-Text \(620 KB\)\]](#) [IEEE CNF](#)

[1](#) [2](#) [3](#) [Next](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) |
[New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online](#)
[Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore®
 RELEASE 1.8

 Welcome
 United States Patent and Trademark Office

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

Your search matched **34** of **1117580** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or entering a new one in the text box.

☐ Check to search within this result set
Results Key:

JNL = Journal or Magazine CNF = Conference STD = Standard

16 A stereo vision system for volume measurements*Cuniolo, S.; De Lotto, I.; Scianna, A.;*

Image Processing and its Applications, 1995., Fifth International Conference on 6 Jul 1995

Pages:702 - 706

[\[Abstract\]](#) [\[PDF Full-Text \(328 KB\)\]](#) **IEE CNF**
17 3-D polyhedral face computation from two perspective views with aid of a calibration plate*Jui-Man Chiu; Zen Chen; Chao-Ming Wang;*

Robotics and Automation, IEEE Transactions on , Volume: 13 , Issue: 2 , April

Pages:290 - 295

[\[Abstract\]](#) [\[PDF Full-Text \(196 KB\)\]](#) **IEEE JNL**
18 Rigorous accuracy bounds for calibrated stereo reconstruction*Farenzena, M.; Busti, A.; Fusiello, A.; Benedetti, A.;*

Pattern Recognition, 2004. ICPR 2004. Proceedings of the 17th International Conference on , Volume: 4 , 23-26 Aug. 2004

Pages:288 - 292 Vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(378 KB\)\]](#) **IEEE CNF**
19 Feasibility of stereo-infrared tracking to monitor patient motion during cardiac SPECT imaging*Beach, R.D.; Pretorius, P.H.; Boening, G.; Bruyant, P.P.; Bing Feng; Fulton, R. Gennert, M.A.; Nadella, S.; King, M.A.;*

Nuclear Science Symposium Conference Record, 2003 IEEE , Volume: 3 , 19-

Oct. 2003
Pages:2144 - 2148 Vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(633 KB\)\]](#) IEEE CNF

20 Validation of the measurement performance of a three-dimensional vision sensor by means of a coordinate measuring machine

Sansoni, G.; Carmignato, S.; Savio, E.;

Instrumentation and Measurement Technology Conference, 2004. IMTC 04. Proceedings of the 21st IEEE , Volume: 1 , 18-20 May 2004

Pages:773 - 778 Vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(572 KB\)\]](#) IEEE CNF

21 Mirror-based trinocular systems in robot-vision

Ramsgaard, B.K.; Balslev, I.; Arnspang, J.;

Pattern Recognition, 2000. Proceedings. 15th International Conference on , Volume: 4 , 3-7 Sept. 2000

Pages:499 - 502 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(392 KB\)\]](#) IEEE CNF

22 On the performance of a biologically motivated visual control strategy for robotic hand-eye coordination

Hauck, A.; Passig, G.; Schenk, T.; Sorg, M.; Farber, G.;

Intelligent Robots and Systems, 2000. (IROS 2000). Proceedings. 2000 IEEE/International Conference on , Volume: 3 , 31 Oct.-5 Nov. 2000

Pages:1626 - 1632 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(596 KB\)\]](#) IEEE CNF

23 Self-learning vision-guided robots for searching and grasping objects

Minh-Chinh Nguyen; Graefe, V.;

Robotics and Automation, 2000. Proceedings. ICRA '00. IEEE International Conference on , Volume: 2 , 24-28 April 2000

Pages:1633 - 1638 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(484 KB\)\]](#) IEEE CNF

24 Accurate measurement of 3D coordinate of an object with subpixel technique

Qifeng Yu; Dongsheng Zhang; Zhihui Lei; Tiehan Quan;

Systems, Man, and Cybernetics, 1996., IEEE International Conference on , Volume: 1 , 14-17 Oct. 1996

Pages:484 - 486 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(300 KB\)\]](#) IEEE CNF

25 Pseudo Stereo Vision System: modifications for accurate measurement in 3-D space using camera calibration

Pachidis, T.; Lygouras, J.;

Sensors for Industry Conference, 2002. 2nd ISA/IEEE , 19-21 Nov. 2002

Pages:66 - 70

[\[Abstract\]](#) [\[PDF Full-Text \(386 KB\)\]](#) IEEE CNF

26 Robust active stereo calibration

Neubert, J.; Ferrier, N.J.;

Robotics and Automation, 2002. Proceedings. ICRA '02. IEEE International Conference on , Volume: 3 , 11-15 May 2002

Pages:2525 - 2531

[\[Abstract\]](#) [\[PDF Full-Text \(683 KB\)\]](#) IEEE CNF

27 Affine reconstruction from monocular vision in the presence of a symmetry plane

Huynh, D.Q.;

Computer Vision, 1999. The Proceedings of the Seventh IEEE International Conference on , Volume: 1 , 20-27 Sept. 1999

Pages:476 - 482 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(136 KB\)\]](#) IEEE CNF

28 A new camera projection model and its application in reprojection

Sengupta, K.; Ohya, J.;

Pattern Recognition, 1998. Proceedings. Fourteenth International Conference on , Volume: 1 , 16-20 Aug. 1998

Pages:59 - 63 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(444 KB\)\]](#) IEEE CNF

29 What can be done with an uncalibrated stereo system?

Hespanha, J.; Dodds, Z.; Hager, G.D.; Morse, A.S.;

Robotics and Automation, 1998. Proceedings. 1998 IEEE International Conference on , Volume: 2 , 16-20 May 1998

Pages:1366 - 1372 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(552 KB\)\]](#) IEEE CNF

30 Synthesis of virtual views using non-Lambertian reflectivity models and stereo matching

Pedersini, F.; Sarti, A.; Tubaro, S.;

Image Processing, 1995. Proceedings., International Conference on , Volume: 2 , 23-26 Oct. 1995

Pages:358 - 361 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(464 KB\)\]](#) IEEE CNF

[Prev](#) [1](#) [2](#) [3](#) [Next](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore®
 RELEASE 1.8

 Welcome
 United States Patent and Trademark Office

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

Your search matched **34** of **1117580** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or entering a new one in the text box.

☐ Check to search within this result set
Results Key:

JNL = Journal or Magazine CNF = Conference STD = Standard

31 Self-organization based visuo-motor coordination for a real camera manipulator system*Hongbin Zha; Onitsuka, T.; Nagata, T.;*

Systems, Man and Cybernetics, 1995. 'Intelligent Systems for the 21st Century' IEEE International Conference on , Volume: 4 , 22-25 Oct. 1995

Pages:3322 - 3327 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(520 KB\)\]](#) IEEE CNF
32 Real-time feature tracking and projective invariance as a basis for hand-eye coordination*Hager, G.D.;*

Computer Vision and Pattern Recognition, 1994. Proceedings CVPR '94., 1994 Computer Society Conference on , 21-23 June 1994

Pages:533 - 539

[\[Abstract\]](#) [\[PDF Full-Text \(624 KB\)\]](#) IEEE CNF
33 Maintaining stereo calibration by tracking image points*Crowley, J.L.; Bobet, P.; Schmid, C.;*

Computer Vision and Pattern Recognition, 1993. Proceedings CVPR '93., 1993 Computer Society Conference on , 15-17 June 1993

Pages:483 - 488

[\[Abstract\]](#) [\[PDF Full-Text \(544 KB\)\]](#) IEEE CNF
34 A genetic algorithm approach to camera calibration in 3D machine vision*Roberts, M.; Naftel, A.J.;*

Genetic Algorithms in Image Processing and Vision, IEEE Colloquium on , 1994

Pages:12/1 - 12/5

[\[Abstract\]](#) [\[PDF Full-Text \(328 KB\)\]](#) **IEEE CNF**

Prev 1 2 3

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) |
[New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved